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(21) International Application Number: PCT/US99/05766 (22) International Filing Date: 16 March 1999 (16.03.99) (30) Priority Data: 09/061,709 17 April 1998 (17.04.98) US (71) Applicant: LUDWIG INSTITUTE FOR CANCER RE- SEARCH (CH/US); 605 Third Avenue, New York, NY 10103 (US). (72) Inventors: CHEN, Yao-Tseng; 525 East 68 Street, New York, NY 10021 (US). GURE, Ali; 1275 York Avenue, New York, NY 10021 (US). TSANG, Solam; 1275 York Avenue, New York, NY 10021 (US). STOCKERT, Elisabeth; 1275 York Avenue, New York, NY 10002 (US). JAGER, Elke; Steinbacher Hohl 2-28, D-60488 Frankfurt am Main (DE). KNUTH, Alexander; Steinbacher Hohl 2-28, D-60488 Frankfurt am Main (DE). OLD, Lloyd, J.; 605 Third Avenue, New York, NY 10021 (US). (74) Agent: HANSON, Norman, D.; Fulbright & Jaworski LLP, 666 Fifth Avenue, New York, NY 10103 (US).	(81) Designated States: AU, CA, CN, JP, KR, NZ, ZA, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>	
(54) Title: ISOLATED NUCLEIC ACID MOLECULE ENCODING CANCER ASSOCIATED ANTIGENS, THE ANTIGENS PER SE, AND USES THEREOF (57) Abstract <p>The invention relates to newly identified cancer associated antigens, referred to as CT7, KOC-2 and KOC-3. The invention also relates to observations regarding known molecule KOC-1. It has been discovered that each of these molecules provokes antibodies when expressed by a subject. The ramifications of this observation are also a part of this invention.</p>		

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